RUDRAPRASAD CONSULTANTS
Structural Engineers, Architects &
Project Management Consultants

To,

Date: 29-08-2019

ASSISTANT EXECUTIVE ENGINEER
KODIGEHALLI SUB DIVISION
BBMP
BANGALORE

Dear Sir,

Sub: M/s. Rudraprasad Consultants Services for the work of **CONSTRUCTION OF HOSPITAL BUILDING AT WARD NO.11(KUVEMPUNAGARA) IN VIDYARANYAPURA SUB DIVISION.**

Ref: 1. Work Order No: EE(Project)/ynk Zone/WO/16/2018-19

We are here with forwarding to Sri. C.N.S Murthy, #12. 3rd cross, S.V.G.N.S.S Layout, 3rd Stage, 4th block, Basaveshwaranagar, Bangalore-560 079. First and Part Bill duly verified and certified that the work is satisfactory and for a Gross Value of Rs. 81,14,919/- (Rs.Eighty One Lakhs Fourteen Thousand Nine Hundred and Nineteen Rupees Only).

Thanking you,

Yours faithfully,

For Rudraprasad Consultants

RUDRAPRASAD CONSULTANTS BANGALORE

R. KARTHIK RECHAN B.E, M.S (U.S.A)
AUTHORIZED SIGNATORY
RUDRAPRASAD CONSULTANTS

#3, 7th Main Malleswaram, Bangalore – 560003
Telefax: 9180 23444801, Mobile: 91 9972924526
Web: www.arkengineers.com e-mail: rechan6630@yahoo.co.in

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NAME OF WORK:- Construction of Hospital Building at Ward No-11 (Kuvempunagara) in Vidyaranyapura Sub Division

Name of Client : EXECUTIVE ENGINEER, PROJECT DIVISION, YELAHANKA ZONE,BBMP, BANGALORE

Contractor/ Agency: Sri. C.N.S Murthy, #12, 3rd Cross, S.V.G.N.S.S Layout, 3rd Stage, 4th Block, Basaveshwaranagar, Bangalore-560 079.

Tender Contract Price Rs.3,13,89,695.75/-

Date Of Inspection : 29-08-19

Status Of Bill : First & Part Bill

In the Presence of : a) Assistant Engineer Project Sub division, BBMP, Bangalore
b) R. Karthik Rechan, Partner, M/S RUDRAPRASAD CONSULTANTS, BANGALORE

PMC COMPLIANCE REPORT		
Sl. No.	**Description of work**	**Comments/Observations**
1	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the exavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications and as per the directions of the Engineer-in-charge of the work .	Work done upto the Billed Quantity and the Quality is satisfactory

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2	Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications and as per the directions of the Engineer-in-charge of the work .	Work done upto the Billed Quantity and the Quality is satisfactory
3	Providing and laying in position plain cement concrete of mix 1:4:8(M7.5)with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregtes @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications and as per the directions of the Engineer-in-charge of the work .	Work done upto the Billed Quantity and the Quality is satisfactory

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4	Providing and laying in position plain cement concrete of mix (M15) with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation,plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications and as per the directions of the Engineer-in-charge of the work .	Work done upto the Billed Quantity and the Quality is satisfactory
5	Providing and constructing granite / trap / basalt size stone masonry in foundation cement mortar 1:6, stone hammerddressed in courses not less than 20 cms high, bond stones at 2m apart in each course including cost of materials, labour, curing completeas per specifications and as per the directions of the Engineer-in-charge of the work .	Work done upto the Billed Quantity and the Quality is satisfactory
6	Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications and as per the directions of the Engineer-in-charge of the work .	Work done upto the Billed Quantity and the Quality is satisfactory

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7	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specificaitons and as per the directions of the Engineer-in-charge of the work .	Work done upto the Billed Quantity and the Quality is satisfactory
8	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness , including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specificaitons and as per the directions of the Engineer-in-charge of the work .	Work done upto the Billed Quantity and the Quality is satisfactory
9	Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specificaiton and as per the directions of the Engineer-in-charge of the work (GROUND & BASEMENT FLOOR)	Work done upto the Billed Quantity and the Quality is satisfactory

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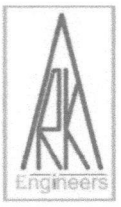

32	Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregtes @ 0.47cum, with superplastisiser @3lts confirming to IS 9103-1999 Reaffirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and First Floor level for roof slabs, staircase, lintles, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications and as per the directions of the Engineer-in-charge of the work .	Work done upto the Billed Quantity and the Quality is satisfactory

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33	Providing and laying in position reinforced cementconcrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum andfine aggregtes @ 0.47cum,with superplastisiser @3lts confirming to IS 9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick,vibrated fo all works in Ground Floor level for roof slabs ,staircase, lintels , beams, retaining walls ,return wall, walls (an thivck ness) including attached plasters ,columns, pillars, posts, struts. butters, string or lacing courses , parapets, coping, bed blocks, anchor blocks ,plain window cills, fillets including cost of all materials, labour, HOM of machinery, curing, complete as per specifications.ets including cost of all materials, labour,HOM of machinery, curing, complete as per specifications and as per the directions of the Engineer-in-charge of the work . (GROUND & BASEMENT FLOOR) ---- All terms and conditions are as per Tender Document	Work done upto the Billed Quantity and the Quality is satisfactory

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42	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications and as per the directions of the Engineer-in-charge of the work . (GROUND & BASEMENT FLOOR)	Work done upto the Billed Quantity and the Quality is satisfactory
107	Conveying the excavated earth, debries etc., with all lead and lifts including loading and unloading charges etc., complete as per the direction of the Engineer-in-charge.	Work done upto the Billed Quantity and the Quality is satisfactory
108	Providing 20mm square M.S footrest and fixing in manhole with M 10 cement concrete block of 20x20x10cms, using 20mm and down size metal of size including cost of materials, labour charges, curing complete as per specifications and as per the directions of the Engineer-in-charge of the work	Work done upto the Billed Quantity and the Quality is satisfactory

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109	Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand pump, MWS of P.W.S.S by vertical electrical sounding by adopting Venner or Schlumberger's method, including reconnaissance survey of geological formation, Gerophysical investigation of existing Ground Wate in the vicinity, its quality & acceptability of the users indicating the location of site, recommended depth of casing pipe required to seal the top unconsolidated formation including an extra depth of 1.0 meter in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site., engaging techinical personal and labour required etc., as per Specification and direction ,with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work -- All terms and conditions are as per Tender Document	Work done upto the Billed Quantity and the Quality is satisfactory

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110	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars and cap etc.,) ,with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work 0 to 50 m	Work done upto the Billed Quantity and the Quality is satisfactory

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111	Sinking borewell of 165mm dia clear using super fast hydraulic Rig of capacity 250 PSIG and above 900 CFM & above in all Strata including over burden upto 20 mtrs fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of Rig and Supporting vehicle, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding cost of casin pipes, collars and cap, etc.,)50.00 to 100.00mtrs	Work done upto the Billed Quantity and the Quality is satisfactory
112	Sinking borewell of 165mm dia clear using super fast hydraulic Rig of capacity 250 PSIG and above 900 CFM & above in all Strata including over burden upto 20 mtrs fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of Rig and Supporting vehicle, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding cost of casin pipes, collars and cap, etc.,)100.00 to 150.00mtrs -- All terms and conditions are as per Tender Document	Work done upto the Billed Quantity and the Quality is satisfactory

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113	Sinking borewell of 165mm dia clear using super fast hydraulic Rig of capacity 250 PSIG and above 900 CFM & above in all Strata including over burden upto 20 mtrs fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of Rig and Supporting vehicle, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding cost of casin pipes, collars and cap, etc.,)150.00 to 200.00mtrs	Work done upto the Billed Quantity and the Quality is satisfactory
114	Sinking borewell of 165mm dia clear using super fast hydraulic Rig of capacity 250 PSIG and above 900 CFM & above in all Strata including over burden upto 20 mtrs fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of Rig and Supporting vehicle, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding cost of casin pipes, collars and cap, etc.,)200.00 to 250.00mt	Work done upto the Billed Quantity and the Quality is satisfactory

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115	Sinking borewell of 165mm dia clear using super fast hydraulic Rig of capacity 250 PSIG and above 900 CFM & above in all Strata including over burden upto 20 mtrs fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of Rig and Supporting vehicle, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding cost of casin pipes, collars and cap, etc.,)250.00 to 300.00mtrs	Work done upto the Billed Quantity and the Quality is satisfactory

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116	Supply of ISI mark 175 mm nominal bore medium black ERW casing pipe of 5 mm thick black electric resistance continuous welded mild steel tube material confirming to IS 1387 / 1993 & manufactured from hot rolled steel skelp / stripes in random length of 4 to 7 mts both ends threaded confirming to IS 554 / 1985, one end fixed with a socket and the other and with a plastic protection end (including of all taxes) ,with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	Work done upto the Billed Quantity and the Quality is satisfactory
118	Providing and fixing 175mm Borewell Cap with clamp Set H/D,with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	Work done upto the Billed Quantity and the Quality is satisfactory
E1	Earth work for lowering and levelling the ground other than foundation works by mechanical means upto 3.00 depth, including providing shoring and strutting, removal of stumps and other deleterious matter, dressing of sides and bottom, filling back the excavation earth to the extent required including the cost of labour & HOM of machineries, as per drawing and technical specification.	Work done upto the Billed Quantity and the Quality is satisfactory

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E2	Excavation 1.5m and above in width in soft rock without blasting for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches not exceeding 1.5 m. in depth, stacking the excavated stuff from edges of excavation with lead upto 50m including cost of explosives, labour and HOM of equipment complete as per specifications.	Work done upto the Billed Quantity and the Quality is satisfactory

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